



Title			GSM		
Size	Number	Revision			
A4					
Date:	2013/7/24	Sheet of			
File:	D:\PCB\ PCB\GSM\GSM.SchDoc	Drawn By:		LC-HKL	

Comment	Description	Designator	Footprint	LibRef	Quantity
470uF	Capacitor	C1, C2, C3, C20	cap-D8	Cap2	4
0.1uF	Capacitor	C4, C10, C11, C12, C13, C14, C16, C17, C18, C19, C21	0805	Cap	11
10uF	Capacitor	C15	0805	Cap	1
M7	Default Diode	D1	DIODE-SMA	Diode	1
SS34	Default Diode	D2	DIODE-SMA	Diode	1
LED0	Typical INFRARED GaAs LED	D4, D5, PWR	LED-0805	LED0	3
PWR12	Low Voltage Power Supply Connector	J1	POWER-5	PWR2.5	1
47uH	Inductor	L1	INDUCTOR_12_12	Inductor	1
1uH	Inductor	L2, L3, L4, L5, L6, L7, L8	0805	Inductor	7
Mic1	Microphone	MK1	PIN2	Mic1	1
12V	Header, 2-Pin	P1	Terminal-5.08-2P	Header 2	1
UART	Header, 4-Pin	P2	HDR1X4	Header 4	1
TC35-40		P3	FPC40P-0.5	TC35-40	1
PHONE		P5	RJ	RJ	1
RJ11		P7	RJ11-4	RJ11	1
NPN	NPN Bipolar Transistor	Q1, Q2	SOT-23	NPN	2
1K 1%	Resistor	R1	0805	Res1	1
2K2	Resistor	R2	0805	Res1	1
330R	Resistor	R3, R7, R8, R9, R10	0805	Res1	5
1K	Resistor	R6	0805	Res1	1
LM2596		U1	TS5B_N	LM2596	1
SIM_CARK		U3	SIMCAARD	SIM_CARK	1